

Recovery Plan Action Status

Plan Name: Recovery Plan Bariaco

Plan Status: Final

Plan Date: 20-Aug-91

Lead Agency: USFWS

Lead Office: Caribbean Ecological Services Field Office

(787)

851-7297)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Bariaco (Trichilia triacantha)	1	1	Obtain protective status for privately-owned population sites	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural Resources, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	Estimate at \$10,000/acre
Bariaco (Trichilia triacantha)	2	10	Assess seed production and dispersal	Partially Complete	FY 1995 - FY 1999	FY 1995 - FY 1999	U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources, USFWS Regional Office 4	Work type not yet selected	Graduate Student	
Bariaco (Trichilia triacantha)	2	11	Evaluate seed viability and germination	Partially Complete	FY 1995 - FY 1999	FY 1995 - FY 1999	U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources	Research: Propagation	Graduate Student	
Bariaco (Trichilia triacantha)	2	12	Evaluate requirements for seedling establishment and growth	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources	Work type not yet selected	Labor type not yet selected	
Bariaco (Trichilia triacantha)	2	13	Evaluate role of vegetation reproduction	Partially Complete	FY 1995 - FY 1999	FY 1995 - FY 1999	U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources, USFWS Regional Office 4	Work type not yet selected	Graduate Student	

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Bariaco (Trichilia triacantha)	2	14	Assess relative propagation feasibility	Partially Complete	FY 1995 - FY 1999	FY 1995 - FY 1999	Botanical Gardens, U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources	Research: Propagation	Graduate Student	1K/yr covers 331 and 332
Bariaco (Trichilia triacantha)	2	15	Determine feasibility of ex situ production	Not Started			Botanical Gardens, U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources	Work type not yet selected	Labor type not yet selected	
Bariaco (Trichilia triacantha)	2	16	Assess habitat suitability	Partially Complete	FY 1995 - FY 1999	FY 1995 - FY 1999	U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources	Research: Habitat Requirements	Internal Administrative	
Bariaco (Trichilia triacantha)	2	17	Assure site protection	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural Resources	Management: Land Use	Labor type not yet selected	
Bariaco (Trichilia triacantha)	1	18	Propagation of plants	Ongoing Not Current			U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural Resources	Work type not yet selected	Labor type not yet selected	3K/yr covers 41 and 42
Bariaco (Trichilia triacantha)	1	19	Introduction of plants	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural Resources	Work type not yet selected	Labor type not yet selected	
Bariaco (Trichilia triacantha)	1	2	Cooperate with PRDNR in preparation of management plan for Guanica Forest	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural Resources	Work type not yet selected	Labor type not yet selected	No cost anticipated

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Bariaco (Trichilia triacantha)	2	20	Determine number of individuals and populations to ensure self-perpetuation	Not Started			U.S. Fish and Wildlife Service, Law Enforcement Division, U.S. Fish and Wildlife Service, Endangered Species Division	Research: Population Surveys	Graduate Student	
Bariaco (Trichilia triacantha)	2	21	Determine what additional actions are needed to achieve recovery objectives	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural Resources, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	
Bariaco (Trichilia triacantha)	1	3	Monitor known populations	Ongoing Current	Prior to FY 1995	FY 2012	U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural Resources, USFWS Regional Office 4	Research: Population Surveys	Graduate Student	
Bariaco (Trichilia triacantha)	1	4	Enforce existing Commonwealth endangered species regulations	Ongoing Current	Prior to FY 1995	FY 2012	U.S. Fish and Wildlife Service, Law Enforcement Division, U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural Resources	Other: Law Enforcement	Internal Administrative	One DNR ranger half-time
Bariaco (Trichilia triacantha)	1	5	Educate public on plant conservation values and regulations	Ongoing Current	Prior to FY 1995	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural Resources, USFWS Regional Office 4	Other: Information and Education	Internal Field Assistance	
Bariaco (Trichilia triacantha)	2	6	Identify and inventory potential sites	Ongoing Current	FY 2011	FY 2012	U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources	Work type not yet selected	Labor type not yet selected	The Service has identify the limestone hills between Guánica and Ponce as potential habitat for the species.

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Bariaco (Trichilia triacantha)	2	7	Characterize sites to determine suitability for future recovery actions	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	
Bariaco (Trichilia triacantha)	2	8	Define habitat requirements	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural Resources	Work type not yet selected	Labor type not yet selected	
Bariaco (Trichilia triacantha)	2	9	Assess periodicity of flowering and pollination	Partially Complete	FY 1995 - FY 1999	FY 1995 - FY 1999	U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources	Work type not yet selected	Graduate Student	The 12K/yr includes 321, 322, 323, 324 and 325